FIG. 1

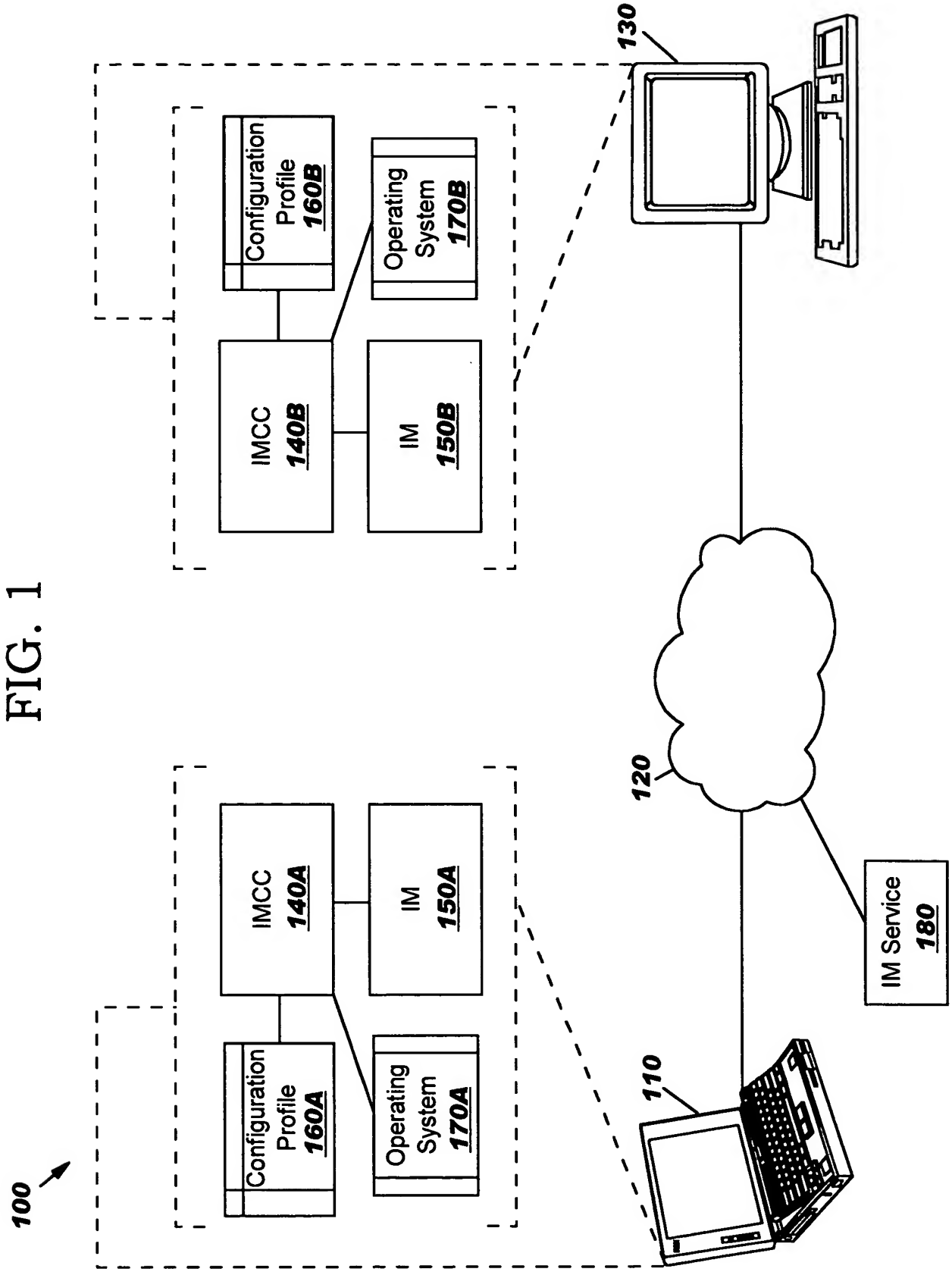

100
110
120
130
IM Service
180
IMCC
140A
IM
150A
Configuration
Profile
160A
Operating
System
170A
IMCC
140B
IM
150B
Configuration
Profile
160B
Operating
System
170B

FIG. 2A

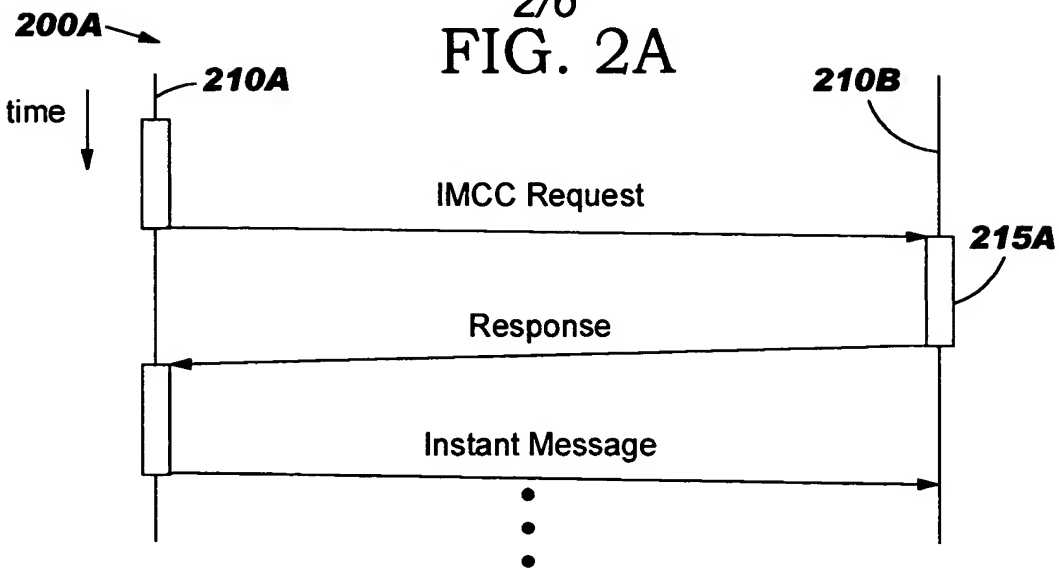



FIG. 2B

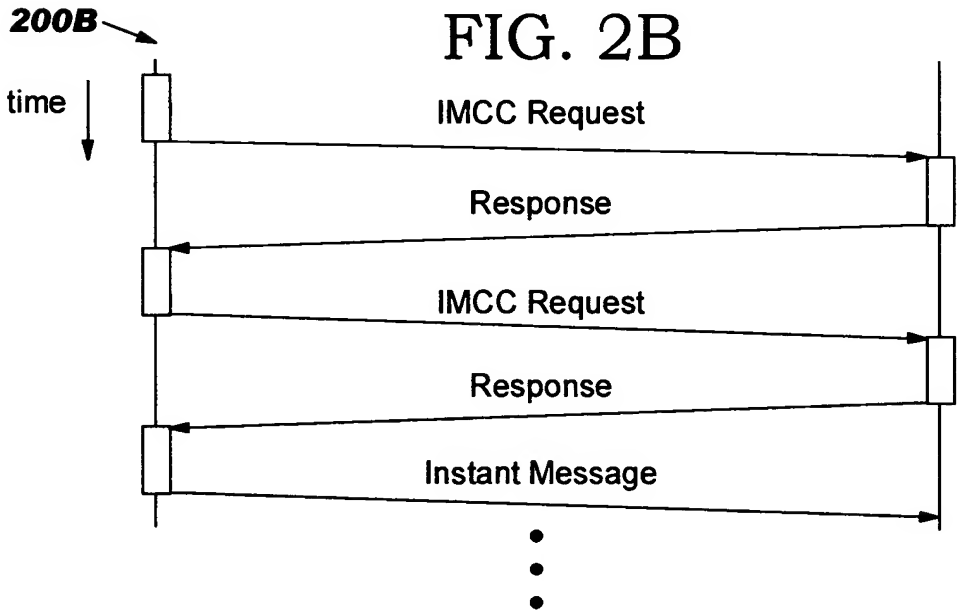



FIG. 2C

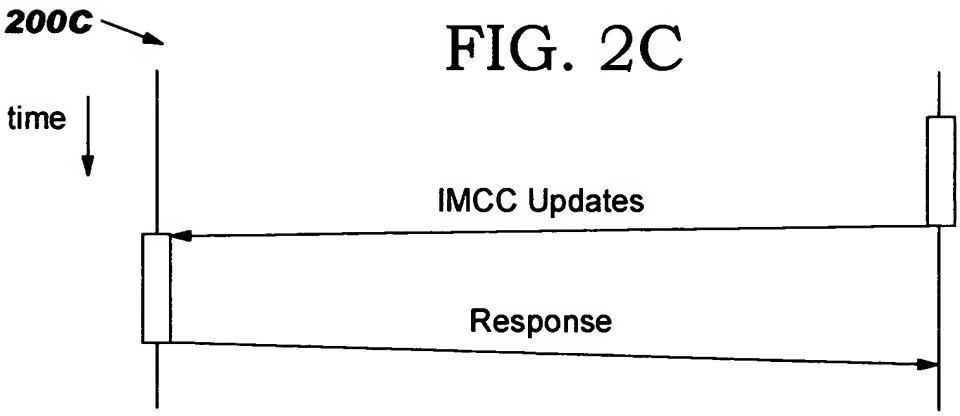


FIG. 3

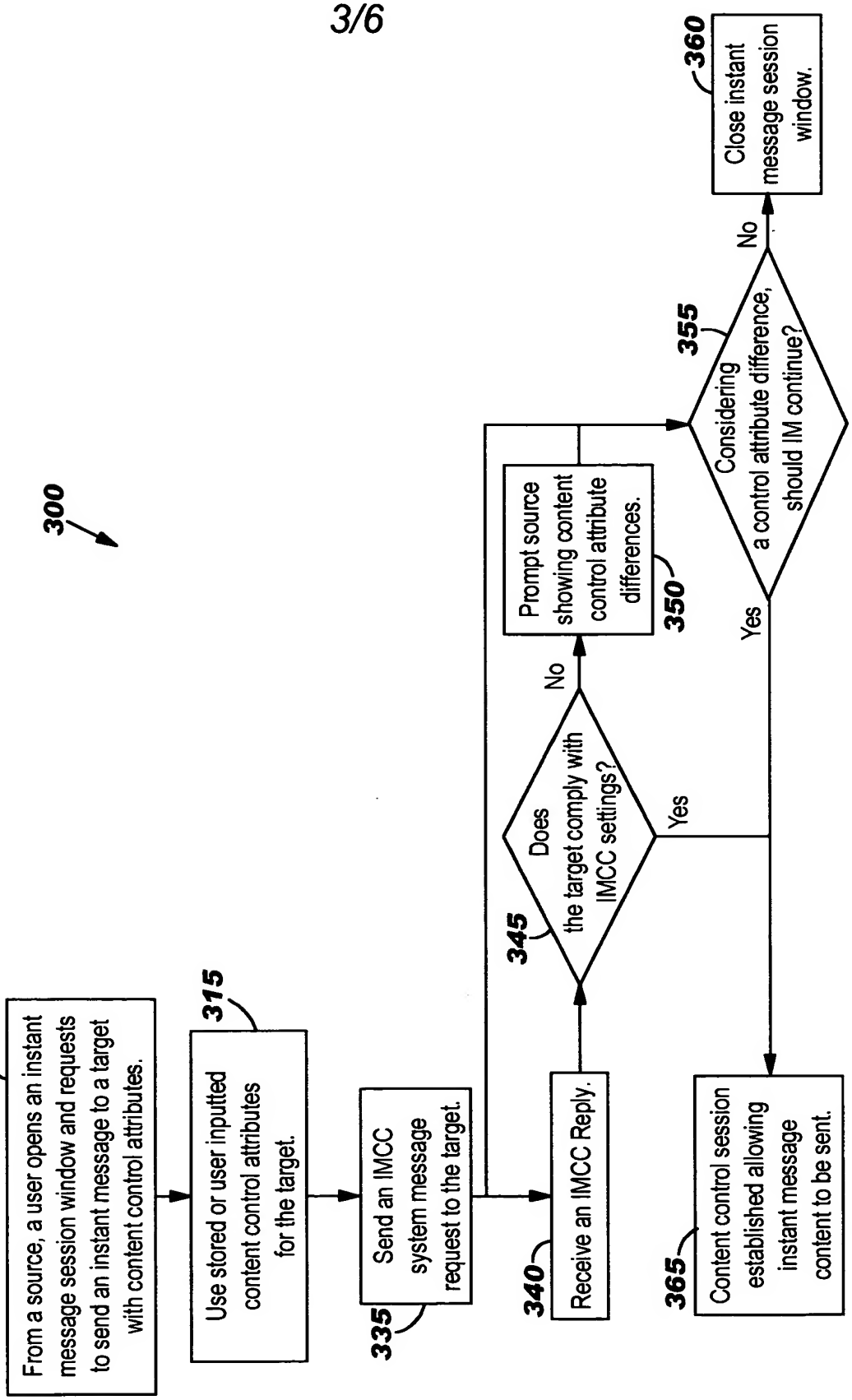

300
310
From a source, a user opens an instant message session window and requests to send an instant message to a target with content control attributes.
315
Use stored or user inputted content control attributes for the target.
335
Send an IMCC system message request to the target.
340
Receive an IMCC Reply.
345
Does the target comply with IMCC settings?
No
Yes
350
Prompt source showing content control attribute differences.
355
Considering a control attribute difference, should IM continue?
Yes
No
360
Close instant message session window.
365
Content control session established allowing instant message content to be sent.

FIG. 4

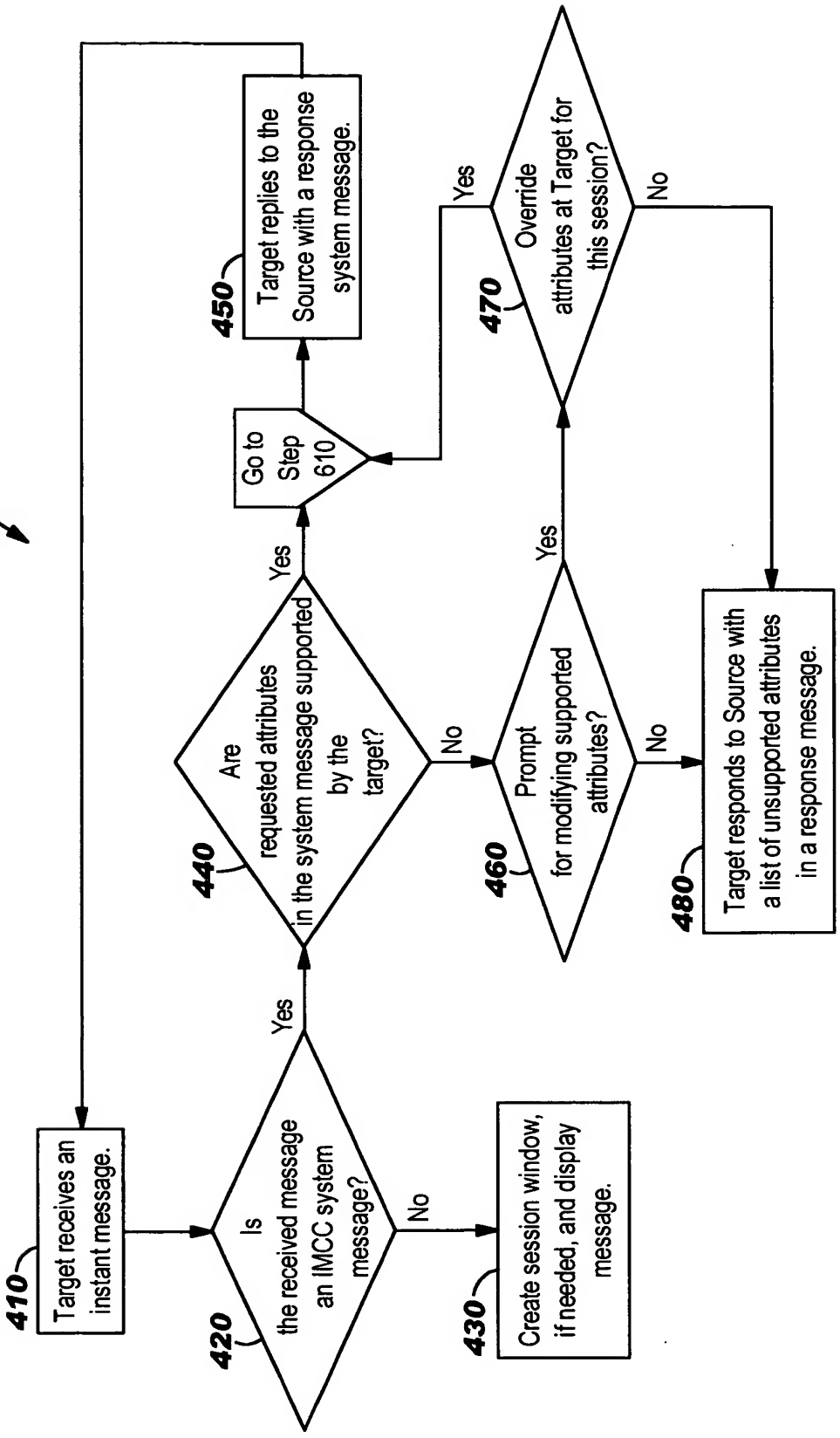

400
410
Target receives an instant message.
420
Is the received message an IMCC system message?
Yes
No
430
Create session window, if needed, and display message.
440
Are requested attributes in the system message supported by the target?
Yes
No
450
Target replies to the Source with a response system message.
460
Prompt for modifying supported attributes?
Yes
No
470
Override attributes at Target for this session?
Yes
No
Go to Step 610
480
Target responds to Source with a list of unsupported attributes in a response message.

FIG. 5

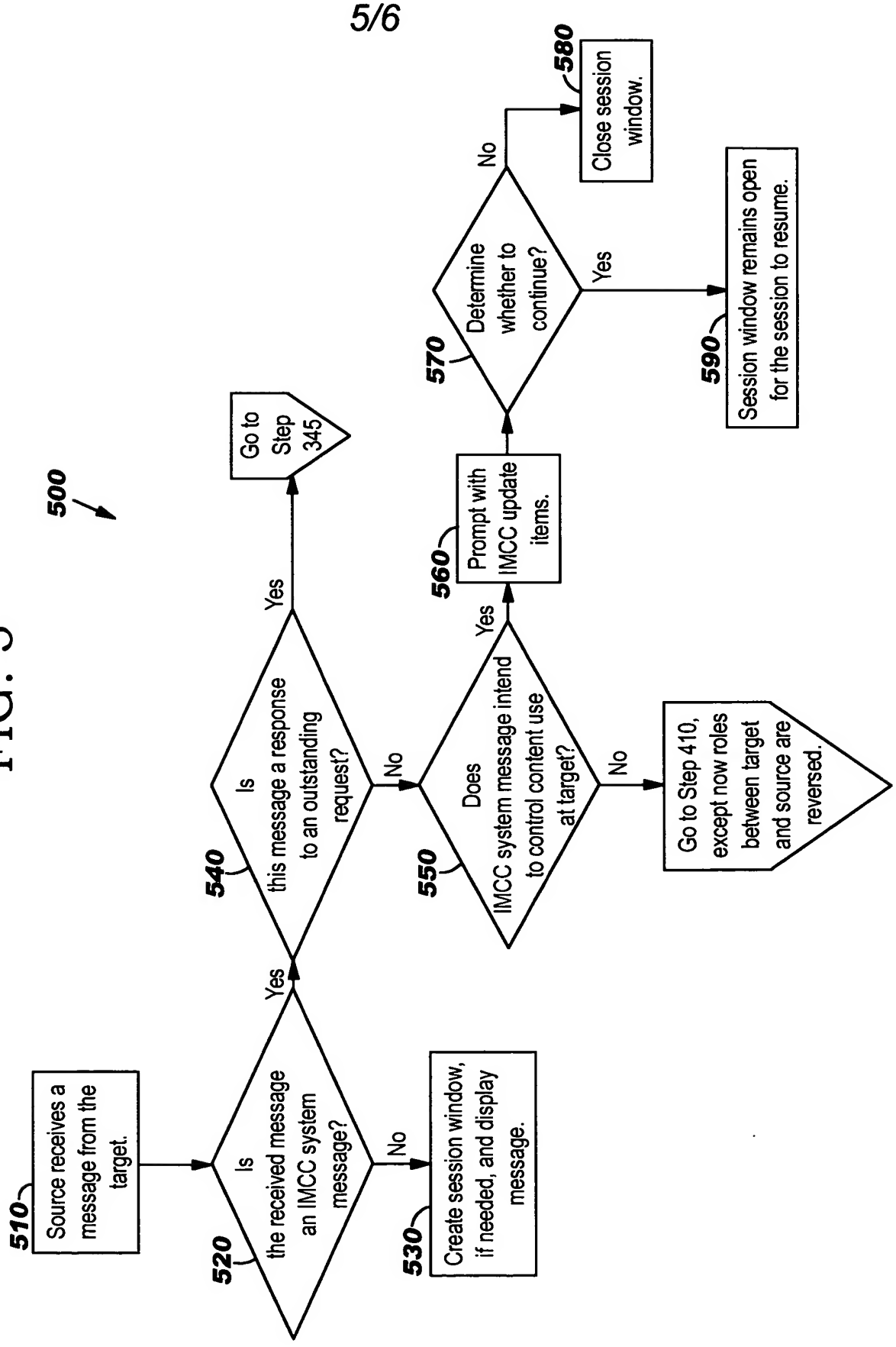
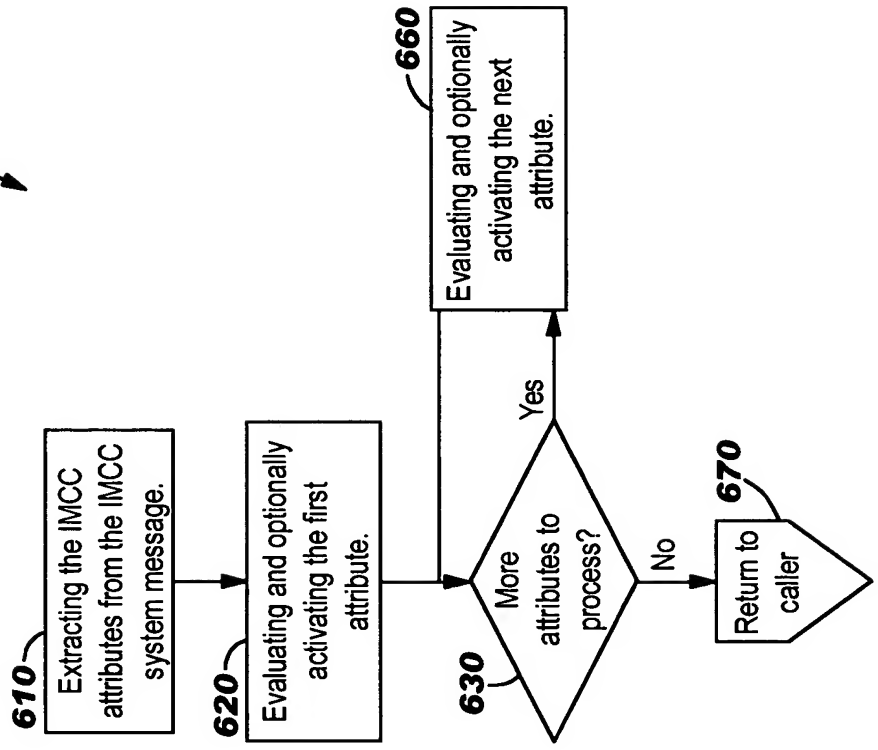

500
510
Source receives a message from the target.
520
Is the received message an IMCC system message?
No
530
Create session window, if needed, and display message.
Yes
540
Is this message a response to an outstanding request?
No
550
Does IMCC system message intend to control content use at target?
No
Go to Step 410, except now roles between target and source are reversed.
Yes
560
Prompt with IMCC update items.
570
Determine whether to continue?
No
580
Close session window.
Yes
590
Session window remains open for the session to resume.
Yes
Go to Step 345

FIG. 6


600
610
Extracting the IMCC attributes from the IMCC system message.
620
Evaluating and optionally activating the first attribute.
630
More attributes to process?
Yes
660
Evaluating and optionally activating the next attribute.
No
670
Return to caller